

Date: Thu, 24 Jun 93 08:00:47 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #775
To: Info-Hams

Info-Hams Digest Thu, 24 Jun 93 Volume 93 : Issue 775

Today's Topics:

 A hot commodity? (2 msgs)
 Apollo & hams (was Re: 'If you believe they put a man on the moo
 ARRL Sections for Field Day
 commercial rig modification questions
 how to subscribe
 INDEX INFOHAMS
 Transverter help??????
 UN: The ITU phonetic alpha
 Where is the unix version of autoexam??
 YOUR KNOWLEDGE WANTED: Morse Training Techniques

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 24 Jun 93 14:02:00 GMT
From: pitt.edu!hpb.cis.pitt.edu!hpb@uunet.uu.net
Subject: A hot commodity?
To: info-hams@ucsd.edu

In article <20ask6\$oc6@jethro.Corp.Sun.COM> tjonz@caliban.Corp.Sun.COM writes:

>
>My first thought was that this was probably gray market goods smuggled into
>the country, and had originally contained a warrantee and documentation in
>Japanese. I guess, however, that it might also be hot.
>
>What would you do under these circumstances?
>

I wouldn't worry about it. People lose manuals all the time. The person who started this "hot radio" thread is extremely paranoid and seems to view himself as a self-appointed "radio cop." Pray that he's not your local OO or repeater coordinator. Enjoy the rig and make lots of QSOs!

Grey market goods are not "smuggled" - they are completely legal and legit. The only problem with grey market is the potential loss of US warrenty. Some companies will not honor the international (i.e. non-US) warrenty, and you must depend upon the seller to provide any warrenty service. A reputable dealer will inform you of this. Some New York camera shops will even give you a choice...grey market goods at a low price or US warrenty items for a few dollars more.

Followups to rec.radio.amateur.policy, the toxic dump of Usenet. :-) :-)

Harry Bloomberg WA3TBL
hpb+@pitt.edu

Date: 24 Jun 1993 14:06:27 GMT
From: pravda.sdsc.edu!news.cerf.net!usc!math.ohio-state.edu!news.acns.nwu.edu!
casbah.acns.nwu.edu!rdewan@network.UCSD.EDU
Subject: A hot commodity?
To: info-hams@ucsd.edu

In article <20ask6\$oc6@jethro.Corp.Sun.COM> tjonz@caliban.Corp.Sun.COM writes:
>
>
>In an ongoing thread on "rec.radio.swap" regarding some potentially stolen
>rigs, gws@n8emr.cmhnet.org (Gary Sanders) writes:
>
> > Big test for stolen gear would be manuals...
>

This test is fraught with error.

I recently purchased an Icom 735 from a friend. It included a receipt, Fed Ex airbill from a ham radio store, warranty card, original packaging but no manual. I know the provenance of the rig and it is not stolen. Yet, it did not come with an operator's manual. The seller had misplaced it.

For \$10 I obtained a new manual from ICOM with no questions asked. So could any one else.

Hardly makes for an acid test does it?

>I purchased a radio recently through "rec.radio.swap" that claimed to be an
>evaluation rig two weeks out of the box that was being sold because another
>rig fit had been determined to fit the application better. It wasn't until a
>few days after taking delivery on this radio that I realized (1) the manual
>was an extremely crude photocopy, and (2) the warrantee card was missing.
>Apart from that, everything was normal; the rig worked fine, it came in the
>original manufacturer's packaging, all the accessories were present, etc.

How about asking the seller about it?

```

                                dit 1  dit
                                1
                                ***** 1
                                * Rajiv aa9ch/m * 1
                                * r-dewan @nwu.edu * 1
                                * CW only on HF bands * 1
                                ***** Icom 735 Ah2,Vibroplex * 1
                                * 1
                                * *** *H
                                * * * * *H
                                base* *kenwd850*vert*80mloop* *kent**
                                *** ***

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Date: Thu, 24 Jun 1993 11:29:45 GMT
From: sdd.hp.com!apollo.hp.com!hpwin052!hpqmoea!dstock@network.UCSD.EDU
Subject: Apollo & hams (was Re: 'If you believe they put a man on the moo
To: info-hams@ucsd.edu

Alan Bloom (alanb@sr.hp.com) wrote:

: Jon Bloom, KE3Z (jbloom@arrl.org) wrote:

: : In rec.radio.amateur.misc, rgm@is.morgan.com (Robert Maire) writes:

: : >I think the best evidence that we landed on the moon is the

: : >laser reflector that was installed on the surface

: : >of the moon. ...

: : Evidence yes, proof no. ...

: I thought it was common knowledge that all the space shots were

: filmed in the Disney studios in Hollywood. Men in outer space?

: Preposterous!

: AL N1AL :=(

Preposterous ! I watched all the Apollo TV coverage, there were no
kids and no golden labradors, it must have been some other studio !

David GM4ZNX

Date: Thu, 24 Jun 93 12:20:00 GMT
From: walter!porthos!canis!rcmcc@uunet.uu.net
Subject: ARRL Sections for Field Day
To: info-hams@ucsd.edu

I tried posting this yesterday morning,
but it seemed to end up in the bit bucket somewhere.

+++++

We've found the following cheat sheets
handy during Field Day.

1. ARRL Sections in prefix order.
2. ARRL Section abbreviations in alphabetic order.

And just to be complete (it's short).

3. ARRL Divisions and Sections.

Suggestions and corrections welcome.

Ron McConnell, w2iol, rcmcc@canis.bellcore.com

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ARRL SECTIONS IN PREFIX ORDER

PRE	ABRV	SECTION	DIV

W1	CT	Connecticut	NE
W1	EMA	Eastern Massachusetts	NE
W1	ME	Maine	NE
W1	NH	New Hampshire	NE
W1	RI	Rhode Island	NE
W1	VT	Vermont	NE
W1	WMA	Western Massachusetts	NE

W2	ENY	Eastern New York	Hud
W2	NLI	New York City & Long Island	Hud
W2	NNJ	Northern New Jersey	Hud
W2	SNJ	Southern New Jersey	Atl

W2	WNY	Western New York	Atl
<hr/>			
W3	DE	Delaware	Atl
W3	EPA	Eastern Pennsylvania	Atl
W3	MDC	Maryland & District of Columbia	Atl
W3	WPA	Western Pennsylvania	Atl
<hr/>			
W4	AL	Alabama	SE
W4	GA	Georgia	SE
W4	KY	Kentucky	GL
W4	NC	North Carolina	Roa
W4	NFL	Northern Florida	SE
W4	SC	South Carolina	Roa
W4	SFL	Southern Florida	SE
W4	TN	Tennessee	Dlt
W4	VA	Virginia	Roa
W4	WIN	West Indies (Puerto Rico, Carib.)	SE
<hr/>			
W5	AR	Arkansas	Dlt
W5	LA	Louisiana	Dlt
W5	MS	Mississippi	Dlt
W5	NM	New Mexico	RM
W5	NTX	Northern Texas	WG
W5	OK	Oklahoma	WG
W5	STX	Southern Texas	WG
W5	WTX	Western Texas	WG
<hr/>			
W6	EB	East Bay	Pac
W6	LAX	Los Angeles	SW
W6	ORG	Orange County	SW
W6	PAC	Pacific (Hawaii & US Pacific)	Pac
W6	SB	Santa Barbara	SW
W6	SCV	Santa Clara Valley	Pac
W6	SDG	San Diego	SW
W6	SF	San Francisco	Pac
W6	SJV	San Joaquin Valley	Pac
W6	SV	Sacramento Valley	Pac
W7	AK	Alaska	NW
W7	AZ	Arizona	SW
W7	EWA	Eastern Washington	NW
W7	ID	Idaho	NW
W7	MT	Montana	NW
W7	NV	Nevada	Pac
W7	OR	Oregon	NW
W7	UT	Utah	RM
W7	WWA	Western Washington	NW
W7	WY	Wyoming	RM
<hr/>			

W8	MI	Michigan	GL
W8	OH	Ohio	GL
W8	WV	West Virginia	Roa

W9	IL	Illinois	Cnt
W9	IN	Indiana	Cnt
W9	WI	Wisconsin	Cnt

W0	CO	Colorado	RM
W0	IA	Iowa	MW
W0	KS	Kansas	MW
W0	MN	Minnesota	Dak
W0	MO	Missouri	MW
W0	NE	Nebraska	NW
W0	ND	North Dakota	Dak
W0	SD	South Dakota	Dak

VE1	MAR	Maritimes & Newfoundland	Can
VE2	PQ	Quebec	Can
VE3	ON	Ontario	Can
VE4	MB	Manitoba	Can
VE5	SK	Saskatchewan	Can
VE6	AB	Alberta	Can
VE7	BC	British Columbia	Can
VE8	YNWT*	Yukon & Northwest Territories*	Can

* unofficial section for Field Day?

W2IOL

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ARRL SECTION ABBREVIATIONS IN ALPHABETIC ORDER

PRE	ABRV	SECTION	DIV
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W4	AL	Alabama	SE
W7	AK	Alaska	NW
VE6	AB	Alberta	Can
W7	AZ	Arizona	SW
W5	AR	Arkansas	Dlt
VE7	BC	British Columbia	Can
W0	CO	Colorado	RM
W1	CT	Connecticut	NE
W3	DE	Delaware	Atl
W6	EB	East Bay	Pac
W1	EMA	Eastern Massachusetts	NE

W2	ENY	Eastern New York	Hud
W3	EPA	Eastern Pennsylvania	Atl
W7	EWA	Eastern Washington	NW
W4	GA	Georgia	SE
W7	ID	Idaho	NW
W9	IL	Illinois	Cnt
W9	IN	Indiana	Cnt
W0	IA	Iowa	MW
W0	KS	Kansas	MW
W4	KY	Kentucky	GL
W6	LAX	Los Angeles	SW
W5	LA	Louisiana	Dlt
W1	ME	Maine	NE
VE4	MB	Manitoba	Can
VE1	MAR	Maritimes & Newfoundland	Can
W3	MDC	Maryland & District of Columbia	Atl
W8	MI	Michigan	GL
W0	MN	Minnesota	Dak
W5	MS	Mississippi	Dlt
W0	MO	Missouri	MW
W7	MT	Montana	NW
W0	NE	Nebraska	NW
W7	NV	Nevada	Pac
W1	NH	New Hampshire	NE
W5	NM	New Mexico	RM
W2	NLI	New York City & Long Island	Hud
W4	NC	North Carolina	Roa
W0	ND	North Dakota	Dak
W4	NFL	Northern Florida	SE
W2	NNJ	Northern New Jersey	Hud
W5	NTX	Northern Texas	WG
W8	OH	Ohio	GL
W5	OK	Oklahoma	WG
VE3	ON	Ontario	Can
W6	ORG	Orange County	SW
W7	OR	Oregon	NW
W6	PAC	Pacific (Hawaii & US Pacific)	Pac
VE2	PQ	Quebec	Can
W1	RI	Rhode Island	NE
W6	SV	Sacramento Valley	Pac
W6	SDG	San Diego	SW
W6	SF	San Francisco	Pac
W6	SJV	San Joaquin Valley	Pac
W6	SB	Santa Barbara	SW
W6	SCV	Santa Clara Valley	Pac
VE5	SK	Saskatchewan	Can
W4	SC	South Carolina	Roa
W0	SD	South Dakota	Dak

W4	SFL	Southern Florida	SE
W2	SNJ	Southern New Jersey	Atl
W5	STX	Southern Texas	WG
W4	TN	Tennessee	Dlt
W7	UT	Utah	RM
W1	VT	Vermont	NE
W4	VA	Virginia	Roa
W4	WIN	West Indies (Puerto Rico, Carib.)	SE
W8	WV	West Virginia	Roa
W1	WMA	Western Massachusetts	NE
W2	WNY	Western New York	Atl
W3	WPA	Western Pennsylvania	Atl
W5	WTX	Western Texas	WG
W7	WWA	Western Washington	NW
W9	WI	Wisconsin	Cnt
W7	WY	Wyoming	RM
VE8	YNWT*	Yukon & Northwest Territories*	Can

* unofficial section for Field Day?

W2IOL

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ARRL DIVISIONS and SECTIONS

PRE	ABRV	SECTION
Atl	Atlantic	DE, EPA, MDC, SNJ, WNY, WPA
Cnt	Central	IL, IN, WI
Dak	Dakota	MN, ND, SD
Dlt	Delta	AR, LA, MS, TN
GL	Great Lakes	KY, MI, OH
Hud	Hudson	ENY, NLI, NNJ
MW	Midwest	IA, KS, MO, NE
NE	New England	CT, ME, EMA, NH, RI, VT, WMA
NW	Northwestern	AK, EWA, ID, MT, OR, WWA
Pac	Pacific	EB, NV, PAC, SV, SF, SJV, SCV
Roa	Roanoke	NC, SC, VA, WV
RM	Rocky Mountain	CO, UT, NM, WY
SE	Southeastern	AL, GA, NFL, SFL, WIN
SW	Southwestern	AZ, LAX, ORG, SDG, SB
WG	West Gulf	NTX, OK, STX, WTX
Can	Canadian	AB, BC, MB, MAR, ON, PQ, SK, YNWT*

* - unofficial section for Field Day?

W2IOL

Date: Thu, 24 Jun 1993 14:34:52 GMT
From: pa.dec.com!e2big.mko.dec.com!jac.nuo.dec.com!otters.enet.dec.com!
j_otterson@decwrl.dec.com
Subject: commercial rig modification questions
To: info-hams@ucsd.edu

I am posting this question again, the complete lack of response makes me suspect that it never made it out of my site...

Here is a technical question for the PLL/Frequency Synthesizer wizards who I just know are out there...

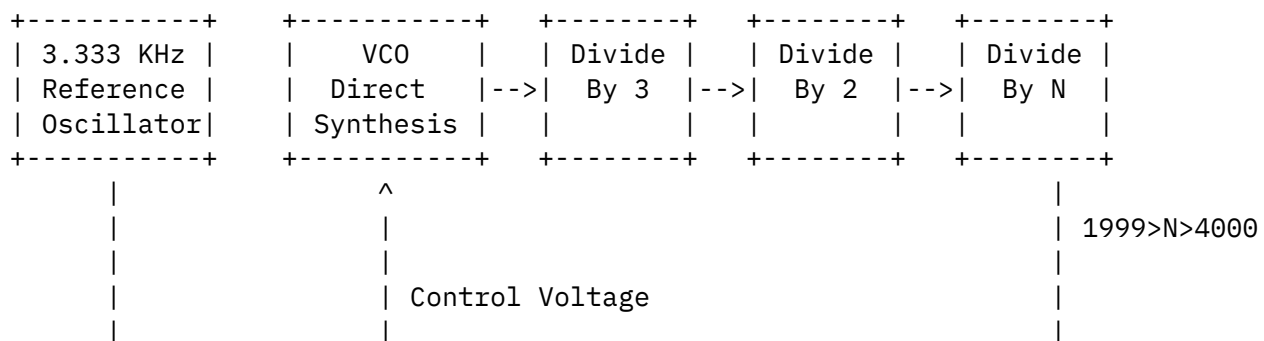
At the Flea last fall, a few folks I know (including myself) bought some Standard Radio C966L VHF Lo-band Mobile Commercial Radios, with the intent of using them on 6. These are 16 channel, 75 watt synthesized rigs, and we all thought it would be "no problem" to convert them for use on 6 meters.

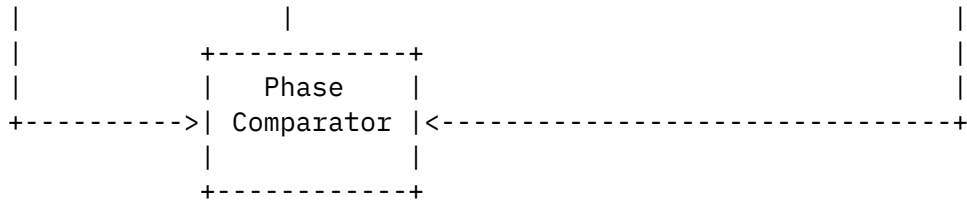
Well, they **do** work on 6, but not on all the channels used by hams. These radios want to have channels on even multiples of 20KHz, i.e. 52.00, 52.02, 52.04, etc. but the 6 meter repeater frequencies are often in **odd** multiples of 20 KHz: 53.59 for example.

So the problem is, how to get the radios to work on either: (A) odd 20KHz channel spacing, or better yet, (B) 10 KHz channel spacing.

PLL Synthesizer Block Diagram and Theory of Operation*
(* at least as I understand it...)

The VCO Frequency is the desired frequency plus 10.7 MHz. It is divided by 3, divided by 2, and then divided by factor "N". The result of all these divisions should be 3.333 KHz, the same as the reference oscillator. If it is not 3.333 KHz, the Phase Comparator makes an adjustment to the VCO control voltage to correct it.





I have come up with the idea of removing the divide by 2 stage, and changing the divide by N stage to allow N to be increased by a factor of 2. This would require changing the divide-by-N chip to a part that would allow a larger divisor... The part that is in the radio now is a 14-bit BCD divide by N counter. I could use a 12-bit binary divide by n part, which would give me sufficient range, but I cannot determine if such a part even exists...

Another idea that we have tossed around is to change the transmit offset oscillator, and the 2nd IF oscillator to be 10 KHz below their current values, which would meet (A) above, but not (B).

Does anybody have any ideas?

Thanks. Jeff.

 Date: 24 Jun 93 12:19:53 GMT
 From: usc!elroy.jpl.nasa.gov!lambda.msfc.nasa.gov!drvax3!bird@network.UCSD.EDU
 Subject: how to subscribe
 To: info-hams@ucsd.edu

The powers that be here are making the administrators of our news system start filtering everything that is no directly related to work so I would like to know if I can subscribe to this news group and any of the other groups related to ham radio. These new groups that just got started are nice and are very helpful (this is just let whoever know I like them).

Please reply to my email since I don't know when they will pull the plug.

Thanks

Joe Bird

bird@drvax3.msfc.nasa.gov

--

Joe Bird WB4ARV

MSFC

Huntsville, Al

bird@drvax3.msfc.nasa.gov

Date: 24 Jun 93 13:38:49 GMT
From: news-mail-gateway@ucsd.edu
Subject: INDEX INFOHAMS
To: info-hams@ucsd.edu

INDEX INFOHAMS

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FMS\$HOLZ@RFERL.ORG
RFE/RL Inc
Munich, Germany

Date: 24 Jun 93 12:21:50 GMT
From: news-mail-gateway@ucsd.edu
Subject: Transverter help?????
To: info-hams@ucsd.edu

The TS-400 lacks a low-power tranverter output, so you must either make one or find a way to dump your power. The former is preferred if you want to dedicate the rig to VHF. You just go into the rig and find the jumper coax that carries RF from the low-level RF board to the PA board; route it to the back of the rig. You'll need to mount a BNC socket or something (what? Drill??). You probably won't even need to turn off the finals because they're not getting any drive anyway. The drawback to this is that the rig can't be used for anything else (besides QRPppp) unless you re-connect the coax jumper to its proper destination. I did this with my '850 (who need HF anyway?). I get about 50 mw out. A second alternative is to dump your 100 watts into a dummy load. Use a teensy variable cap to steal 10mw. A Heath Cantenna is good for this if you remove the DC-output wiring and connect the cap from the load resistor to the RCA socket. The disadvantage to this idea is obvious: you're wasting juice.

MRO

Michael R. Owen, Ph.D. a.k.a.: W9IP
Department of Geology Northern Lights Software
St. Lawrence University Star Route, Box 60

Canton, NY 13617

(315) 379-5975

e-mail: MOWE@SLUMUS

- voice -

FAX -

Canton, NY 13617

(315) 379-0161 (6-9pm)

(315) 379-5804

Date: Thu, 24 Jun 1993 12:00:52 GMT

From: sdd.hp.com!col.hp.com!news.dtc.hp.com!hpscit.sc.hp.com!hplextra!hplb!
hpwin052!hpqmoea!dstock@network.UCSD.EDU

Subject: UN: The ITU phonetic alpha

To: info-hams@ucsd.edu

Let's go back a step

Someone said

C = Czar

and

T = Tsar

Now that's just too good not to keep in the list !

I also like pseudo- which adds the extra confusion as to whether it is
a prefix for whatever the next word is

How about U = uber (sorry, no umlauts on this keyboard)

and for the truly twisted minds Q = QSY

David (Guatamala Madagascar Zero One Two Three FOUR Zanzibar Nigaragua Xanadu)

Date: 24 Jun 93 14:21:31 GMT

From: news-mail-gateway@ucsd.edu

Subject: Where is the unix version of autoexam??

To: info-hams@ucsd.edu

Hello,

A few weeks ago someone asked the net for the ftp site for autoexam which runs
under unix. Did someone provide it? I could not find it using archie. Perhaps

it uses a different name. Any suggestions for a search string? Also does anyone know the author's e-mail address? His name is: Rich Bono, NM1D

Thanks in advance and 73

Tom Jennings KV2X

jennings@abb.com

Date: 24 Jun 93 15:36:22 GMT
From: news-mail-gateway@ucsd.edu
Subject: YOUR KNOWLEDGE WANTED: Morse Training Techniques
To: info-hams@ucsd.edu

>In Lars's article he asked about Morse training techniques

The thing that I have found most useful is to increase your wpm speed as soon as you start copying 50-60% of the text correctly. And then occasionally slow it back down to give yourself the satisfaction and encouragement of seeing your improvement.

Also I have found that when just learning the letters it was best just to do short sessions at a sitting so that you would not get discouraged. And once you have mastered the letters, numbers, and prosigns you can start doing longer sessions (20-30 minutes).

And if this is not obvious...try not to teach Morse by sight, unless all else has failed. When I was little I learned Morse code by sight from the Radio Shack walkie talkie that I had, and it took me the longest time not to do the translation in my head and just hear the letters and words.

I hope this helps and please summarize the responses you get to the net.

- Warren

--

Warren E. Lewis
Graphics Division
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saswel@unx.sas.com
(919) 677-8001 x6542
PP-ASEL
KD4YRN DOD#0021

Date: Wed, 23 Jun 1993 21:27:13 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!
ux1.cso.uiuc.edu!cs.uiuc.edu!vela.acs.oakland.edu!w8hd!kenh@network.UCSD.EDU
To: info-hams@ucsd.edu

References <9306220046.AA1ccc@catapult.anatcp.rockwell.com>,
<C8zzyu.4zC@ucdavis.edu>, <1993Jun22.153924.27214@ke4zv.uucp>1
Subject : Re: Broadcast IDs

gary@ke4zv.uucp (Gary Coffman) writes:

>>

>>There can only be one KCBS. The other stations are KCBSTV and KCBSFM. I
>>wonder if they are going to license a KCBSAM ?

>A nit, on the license document for a suffixed callsign, there is a hyphen
>between the basic call and the modifier. IE KCBS-TV and KCBS-FM. That's
>the legal form of the call. It doesn't matter on radio, the hyphen is
>silent, but it does matter on TV where the callsign is shown. Maritime
>stations can also have 4 letter K and W calls, so CBS could have a KCBS
>maritime station in addition to the above. It couldn't "broadcast" though,
>so the answer remains 4. AM, or Standard Broadcast as the FCC calls it,
>normally doesn't get suffixed calls, but it can happen if the same base
>call is already issued to a TV or FM station. Note too that stations with
>calls that differ only by suffix need not be owned by the same company,
>though they generally are. Callsigns are "by request" for broadcast stations.

Gary:

Per 47CFR73.3550(n):.....the applicant must obtain and submit with the
application for the callsign the written consent of the licensee(s) of
such station(s).

In other words, if you wanted KCBS-TV, and it was not assigned, but there
was a KCBS assigned, you would need their authorization in writing. You
are correct in your information, of course, but in reality I would not
count on such an authorization, or wish to pay the bill if it indeed was
so authorized!

--

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End of Info-Hams Digest V93 #775
